



UNITED STATES MARINE CORPS  
MARINE CORPS INSTALLATIONS EAST-MARINE CORPS BASE  
PSC BOX 20005  
CAMP LEJEUNE NC 28542-0005

Canc: Sep 2018

MCIEAST-MCB CAMLEJBul 3710

G-3/5

SEP 11 2017

MARINE CORPS INSTALLATIONS EAST-MARINE CORPS BASE CAMP LEJEUNE  
BULLETIN 3710

From: Commanding General  
To: Distribution List

Subj: TILT-ROTOR STANDING OPERATING PROCEDURES FOR BLADEN LAKES STATE  
FOREST (BLSF) TACTICAL LANDING ZONES (TLZs)

Ref: (a) 14 CFR Parts 91.111 and 91.113, Collision Avoidance  
(b) WgO 3710.38B Ch 1  
(c) 14 CFR Part 91.127, Operating on or in the Vicinity  
of an Airport in Class E Airspace

Encl: (1) Bladen Lakes TLZ Data Sheet  
(2) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section A  
(3) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section B  
(4) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section C  
(5) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section D  
(6) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section Airspace  
(7) MCIEAST-MCB Camp Lejeune Reference Map: Bladen Lakes  
Installation Section G

1. Purpose

a. Marine Corps Installation East-Marine Corps Base, Camp Lejeune (MCIEAST-MCB CAMLEJ) has entered into a lease agreement with the State of North Carolina (NC) to obtain MV-22 use of two TLZs within the BLSF.

b. To set forth operating procedures for the use of the BLSF TLZs by MV-22 aircraft assigned to Marine Aircraft Group 26 (MAG-26).

2. Background

a. The BLSF TLZs are located in the BLSF State Forest at (34° 42' 34.5N/78° 34' 16.1W) approximately 80 nautical miles (nm) to the west of Marine Corps Air Station, New River; and five nm north of Curtis L. Brown Jr. Field Airport (KEYF) in the vicinity of Elizabethtown, NC.

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b. There are two BLSF TLZs which are cleared grass areas of approximately 1,000 feet square located between State Highways 210 north and east, 701 south and 242 west and north. The TLZs are separated by approximately 1,000 feet.

c. The BLSF is supervised and managed by forest rangers assigned to the NC State Forest Service under the State of NC Department of Agricultural and Consumer Services. The Forest Service supervisor is Mr. Hans Rohr at (office) 910-588-4964. bladenlakessf.ncfs@ncagr.gov.

d. Further information on the BLSF can be viewed at <http://ncforestservice.gov/publications>.

### 3. Action

a. Commander's Intent. The procedures contained herein shall apply to tilt-rotor aircraft operating under Visual Flight Rule (VFR) conditions within five nm of the subject TLZs and within the Class E airspace of KEYF. This Bulletin implements and supplements policy and procedures contained in references (a) through (c). The Commanding Officer, MAG-26 is responsible for ensuring that MV-22 pilots assigned to MAG-26 know and comply with the provisions of this Bulletin and apply them to BLSF aviation operations.

#### b. Concept of Operations

(1) Aviation use of BLSF TLZs is authorized only for MV-22 take-offs/landings, pattern work, and tactical approaches with or without the aid of night vision goggles.

(2) Prohibited operations at BLSF TLZs:

(a) Simulated engine-out operations;

(b) Aviation operations with any type of aviation delivered ordnance on-board;

(c) Operations involving troop training activities; and

(d) External operations and low-altitude tactics.

(3) Aviation use of BLSF TLZs is authorized 24/7, 365 days per year during the period of the MCIEAST-MCB CAMLEJ/State of North Carolina lease agreement.

(4) The number of aircraft permitted to use the Bladen Lakes TLZs is at the discretion of the CO, MAG-26.

(5) There is no daily limit on the number of sorties that may be flown into the Bladen lakes TLZs.

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(6) Avoidance areas are listed below and depicted in enclosure (7):

- (a) White Lake residential area
- (b) Bay Tree Lake residential area
- (c) Horseshoe Lake (civilian pilot training area), see enclosure (2).
- (d) Elizabethtown (unless using KEYF)
- (e) Jones Lake Recreational Beach, avoid direct over flight as much as practical.

(7) Range Facility Management Support System (RFMSS) must be utilized for scheduling.

(8) Pilots must check in and out with Fire Desk Operator (Blackburn) on 233.8 when utilizing BLSF TLZs and when in radio range.

(9) Per reference (a), operations at or in the vicinity of the BLSF TLZs are authorized with the condition that pilots are solely responsible for "SEE" and "AVOID".

(10) Procedures when operating at BLSF TLZs:

(a) BLSF entries should be from the east-northeast (040 to 090 magnetic) at five nm and 1,200 feet Mean Sea Level (MSL). Aircraft arrivals shall be announced on KEYF UNICOM (122.8). Example: KEYF, Leroy 00 entering BLSF State Forest TLZs touch and go pattern from the northeast.

(b) BLSF departures should be to the east-northeast (040 to 090 degrees magnetic) at 600 feet MSL and announced on KEYF UNICOM (122.8). Example: KEYF traffic, Leroy 00 departing BLSF State Forest TLZs to the East.

(c) Pilots shall monitor KEYF UNICOM while conducting operations at BLSF TLZs and announce presence to all aviation traffic communicating on KEYF UNICOM (122.8).

(d) VFR (arrival or departure) Air Traffic Control (ATC) services may be obtained from Fayetteville or Wilmington Approach Control. However, Wilmington Approach Control is recommended as the primary ATC radar service provider.

(e) The "Touch and Go" pattern at BLSF TLZs shall be at or below 1,200 feet MSL and within five nm of the BLSF TLZs in visual meteorological conditions. The "Touch and Go" pattern should be

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oriented to the north of BLSF as much as practical to avoid over-flight of KEYF and Elizabethtown.

(f) The KEYF Automated Weather Observing System 3 on 119.475 will be used as the local weather information source for BLSF operations.

(g) The minimum weather requirements for conducting local operations at BLSF TLZs are 2,000 foot ceiling and five nm visibility.

(h) When conditions warrant an Instrument Flight Rules clearance, aircrew shall contact the Raleigh Flight Service Station with the clearance request and comply with ATC instructions.

(i) MV-22 aircrews will minimize time on deck and execute Ground Loitering Procedures in accordance with The Naval Air Training and Operating Procedures Standardization when applicable, in order to mitigate potential for fire hazard.

(j) Pilots and aircrew will report any Hazardous Materials (HAZMAT) (fuel/oil/hydraulic) spills at the BLSF TLZs to Blackburn at 910-451-3064/4449 or 233.8 as soon as possible. Blackburn shall notify the MCIEAST-MCB CAMLEJ Environmental Management Division (EMD), Resource Conservation Recovery Section, at 910-451-1482, MCIEAST-MCB CAMLEJ Range Control Officer, and the Range Development and Management Division. In the event of a HAZMAT spill at BLSF, Blackburn will suspend aircraft operations until the HAZMAT spill can be mitigated by EMD. Blackburn shall contact the MAG-26 Operations Officer (910-449-5579/7202) or Command Duty Officer (910-449-6126) to inform MAG-26 that BLSF TLZs operations have been suspended and when operations can be resumed.

(k) Aircraft that need to remain on the ground at BLSF TLZs due to an equipment failure or malfunction shall report this condition as soon as possible to Blackburn at 910-451-3064/4449 and to the ranger station during normal working hours (0800 to 1700) to Mr. Hans Rohr, Forest Supervisor, at (office) 910-588-4964 or (cell) 910-874-2629/email: hans.rohr@ncagr.gov.

(l) Per reference (b), it is the responsibility of aviation units utilizing BLSF TLZs to maintain a current (updated) hazard map of the area.

(m) A safety site survey of the BLSF TLZs and the surrounding ground/airspace is the responsibility of 2d Marine Aircraft Wing (MAW) and MAG-26. A copy of the safety site survey for BLSF will be provided to the range safety specialist at MCIEAST-MCB CAMLEJ Range Control (910-451-1240) prior to conducting aviation operations.

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(n) Casualty Evacuation and aircraft recovery are the responsibility of the using unit. Squadron maintenance vehicles requiring entry into BLSF shall notify Blackburn (910-451-3064/4449) for coordination with the BLSF Forest Supervisor.

(o) BLSF TLZs Ground/Grass Fires. Aircrew will report a grass fire at BLSF TLZs by the most expeditious means to:

1. Blackburn (910)451-3064/4449
2. BLSF office 910-588-4161 (daytime) or cell at 910-874-2629 (day/evenings/night).

(p) Pilots should be aware that BLSF operations are near the vicinity of numerous towers/antennas, instrument and visual military training routes, victor airways, and below the Gamecock A - Military Operating Area. Additionally, the Horseshoe Lake area is routinely utilized by light civil aircraft to accomplish pilot training.

(q) Provisions listed in this Bulletin must not be construed as relief from any of the requirements of references (a) and (c).

#### 4. Reserve Applicability

a. This Bulletin is applicable to MCIEAST-MCB CAMLEJ subordinate commands and II Marine Expeditionary Force (MEF) commands and personnel involved in the operation of MV-22 aircraft at the BLSF TLZs.

b. This Bulletin provides approval by Commanding General (CG), II MEF and CG, 2d MAF for direct liaison between MCIEAST-MCB CAMLEJ G-3/5 and MAG-26 for matters pertaining to aviation operations at BLSF.

5. Cancellation Contingency. This Bulletin is cancelled when incorporated in the appropriate MCIEAST-MCB CAMLEJ Order.

  
T. S. PHILLIPS  
By direction

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CG, MCIEAST-MCB CAMLEJ RTAM  
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MCIEAST-MCB Camp Lejeune Request for Landing Zones at Bladen Lakes State Forest

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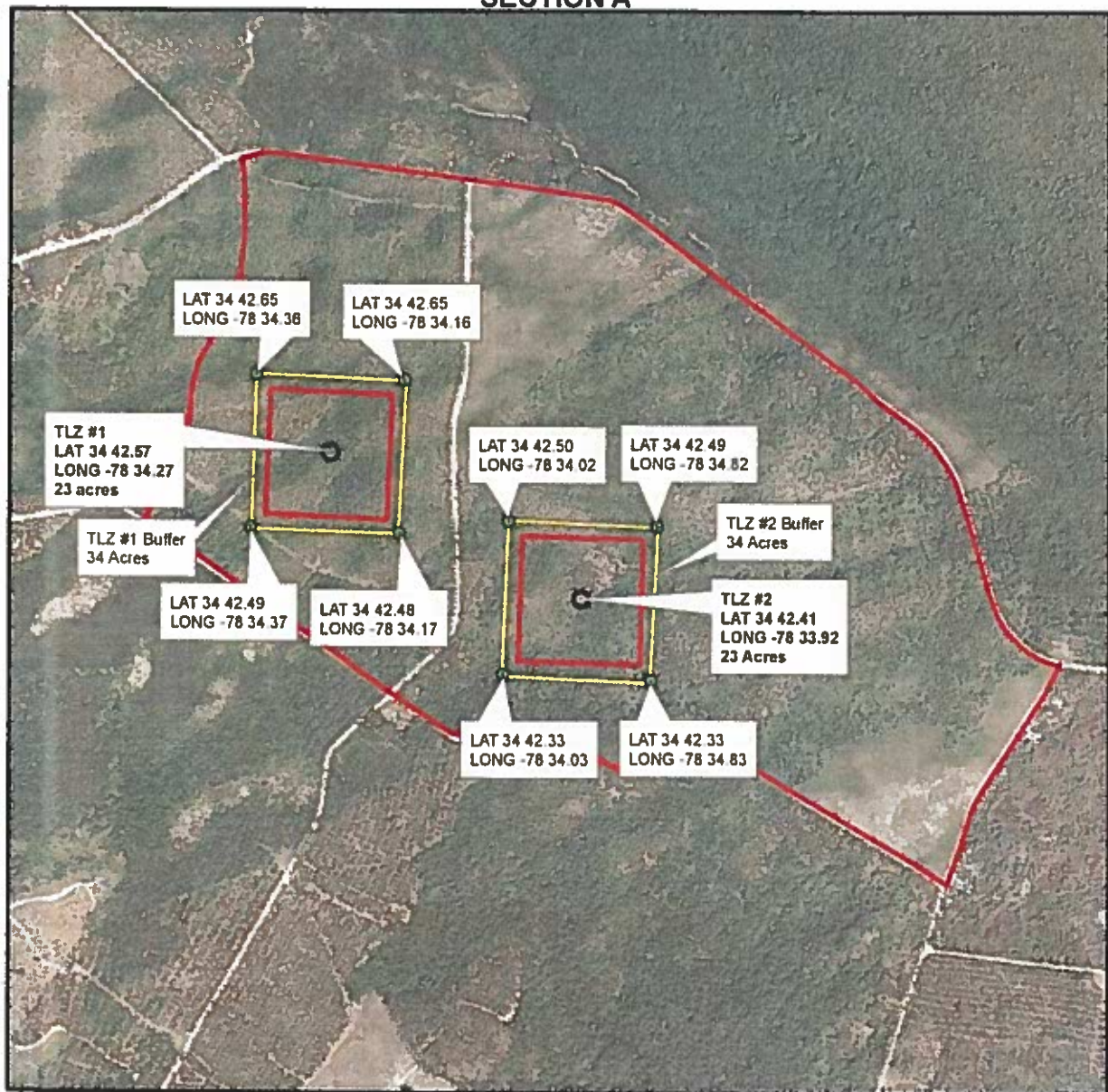
**Property Owner** Bladen Lakes State Forest is owned by the State of North Carolina. USMC interests in the subject landing zones is formalized with a lease from the State and with the NAVAL Facilities Command acting as the agent for the US Marine Corps.

Supporting Data to Sections A, B, C, D, E and G

Section A	Site 1 Site 2 Vertical DATUM Horizontal DATUM	Lat 34° 42' 34.4" N Lat 34° 42' 26.5" N NAD 1988 NAD 1983	Long 78° 34' 16.1" W Long 78° 34' 55.1" W	23 acres total 23 acres total
Section B	Site 1 & Site 2  Notes COMM	Green Ovals Red Ovals  Day/night authorized Monitor KEYF UNICOM while in zone 122.8  Announce presence to all aviation traffic on KEYA UNICOM 122.8	300' AGL/80KCAS 300' - 500' AGL/220KCAS  VFR patterns and tactical approaches	
Section C	Nearby Heliports/Airports	Curtis L. Brown Jr Field Airport Fayetteville Regional Airport Clinton Airport Wallace Henderson Field Lumberton Municipal Airport	5 nm South 31 nm NNW 26 nm NE 30 nm E 26 nm SSW	KEYF KFAY KCTZ KACZ KLBT
Section D				
Section E	Obstructions within 5000 ft  Site 1  Site 2	Trees  Trees	50 ft High  50 ft high	650 feet from center LZ to all sides  650 feet from center LZ to all sides
Section G	Schools / Churches & Other	Briar Branch Church Mount Zion Church Saint Rest Church Pleasant Hill Church Saint Peters Church White Lake Church Saint John Church Mount Carmel Church Martins Church Bladen Lakes School White Lake Residential Area Bay Tree Lake Residential Area Horseshoe Lake Elizabethtown Antenna Antenna	3.1 nm NW 2.5 nm N 2.8 nm NE 4.8 nm ENE 5.2 nm ESE 6.3 nm SE 5 nm S 5.1 nm SSE 5.2 nm SSE 1.7 nm W 3 nm SSE 5 nm ESE 5 nm NNW 4 nm SSW 5 nm ESE (2055 AGL) 1.5 nm ESE (378 AGL)	

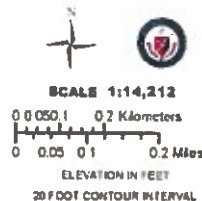
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# MCIEAST-MCB CAMP LEJEUNE REFERENCE MAP: BLADEN LAKES INSTALLATION SECTION A



EDITION XXX SERIES XXX SHEET XXX  
GEOGRAPHIC AREA OF INTEREST

- LatLong
- Buffer\_TLZ
- TLZ\_zone



This Bladen Lakes map  
was produced by David Lynch at  
RTAM MCIEAST Camp Lejeune, NC  
(910) 451-5772  
Oct 2016

Map generated using the Geographic Information System  
Managed by the Installation Geospatial Information & Services Office  
Regional Geospatial Information & Services Division, G-P  
Marine Corps Installations East - Marine Corps Base Camp Lejeune

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SPHEROID ..... GEODETIC REFERENCE SYSTEM 1980  
PROJECTION ..... UNIVERSAL TRANSVERSE MERCATOR  
VERTICAL DATUM ..... NORTH AMERICAN VERTICAL DATUM 1988  
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM 1983  
CONTROLLED BY ..... USGS, NATIONAL GEODETIC SURVEY POINTS  
GRID ..... 1000 - METER UTM ZONE 18  
GRATICULE ..... HALF MINUTE LATITUDE-LONGITUDE TICS

Data Credit: Source  
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ENCLOSURE (2)



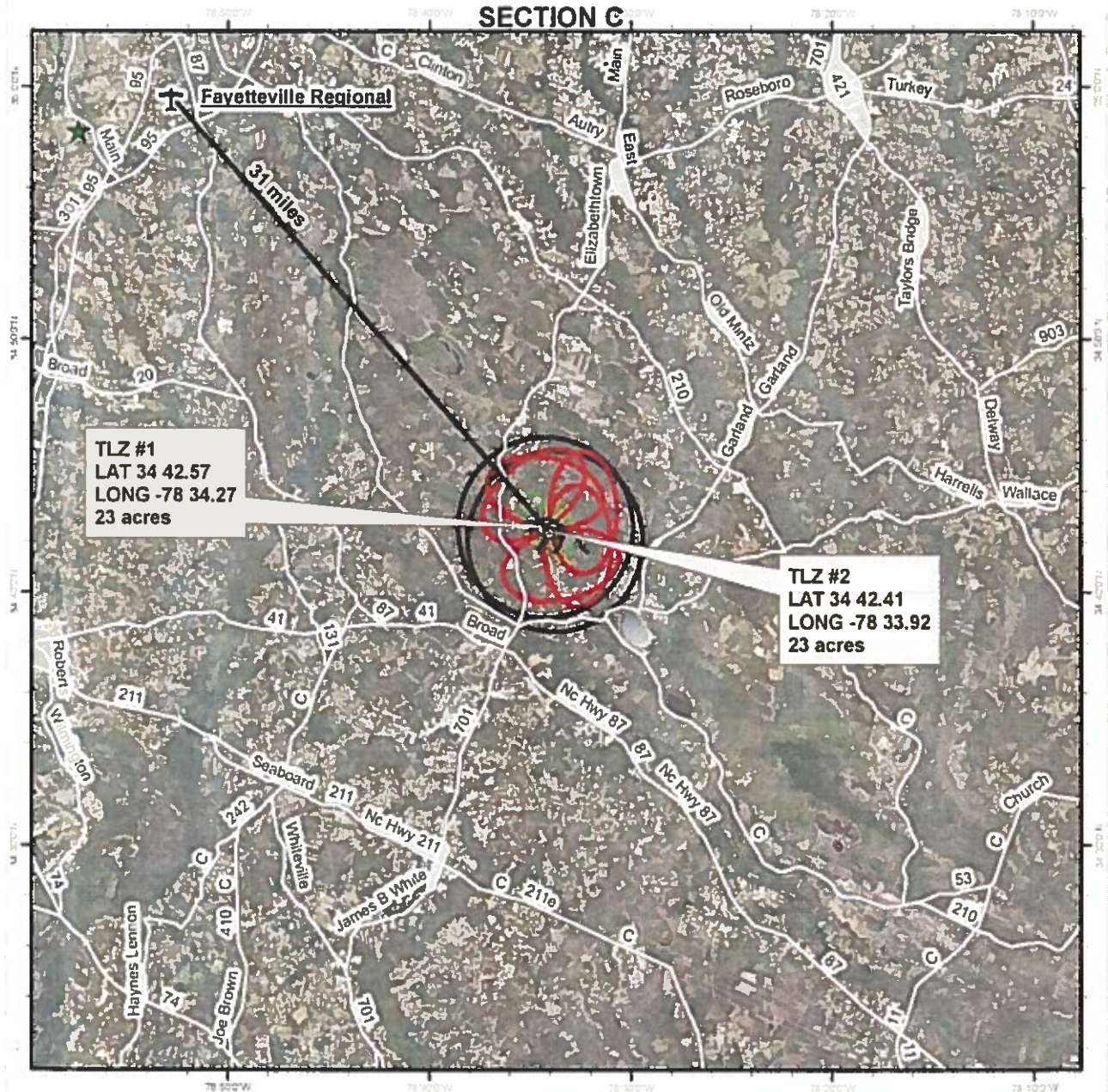




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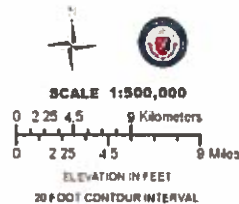
# MCIEAST-MCB CAMP LEJEUNE REFERENCE MAP: BLADEN LAKES INSTALLATION

## SECTION C



EDITION XXX SERIES XXX SHEET XXX  
GEOGRAPHIC AREA OF INTEREST

- NC\_airports
- VSTOL
- APLN
- 5\_mile\_circle\_bladen
- LatLong
- Buffer\_TLZ
- TLZ\_zone



SPHEROID ..... GEODETIC REFERENCE SYSTEM 1980  
PROJECTION ..... UNIVERSAL TRANSVERSE MERCATOR  
VERTICAL DATUM ..... NORTH AMERICAN VERTICAL DATUM 1988  
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM 1983  
CONTROLLED BY ..... USGS, NATIONAL GEODETIC SURVEY POINTS  
GRID ..... 1000 - METER UTM ZONE 18  
GRATICULE ..... HALF MINUTE LATITUDE-LONGITUDE TICS

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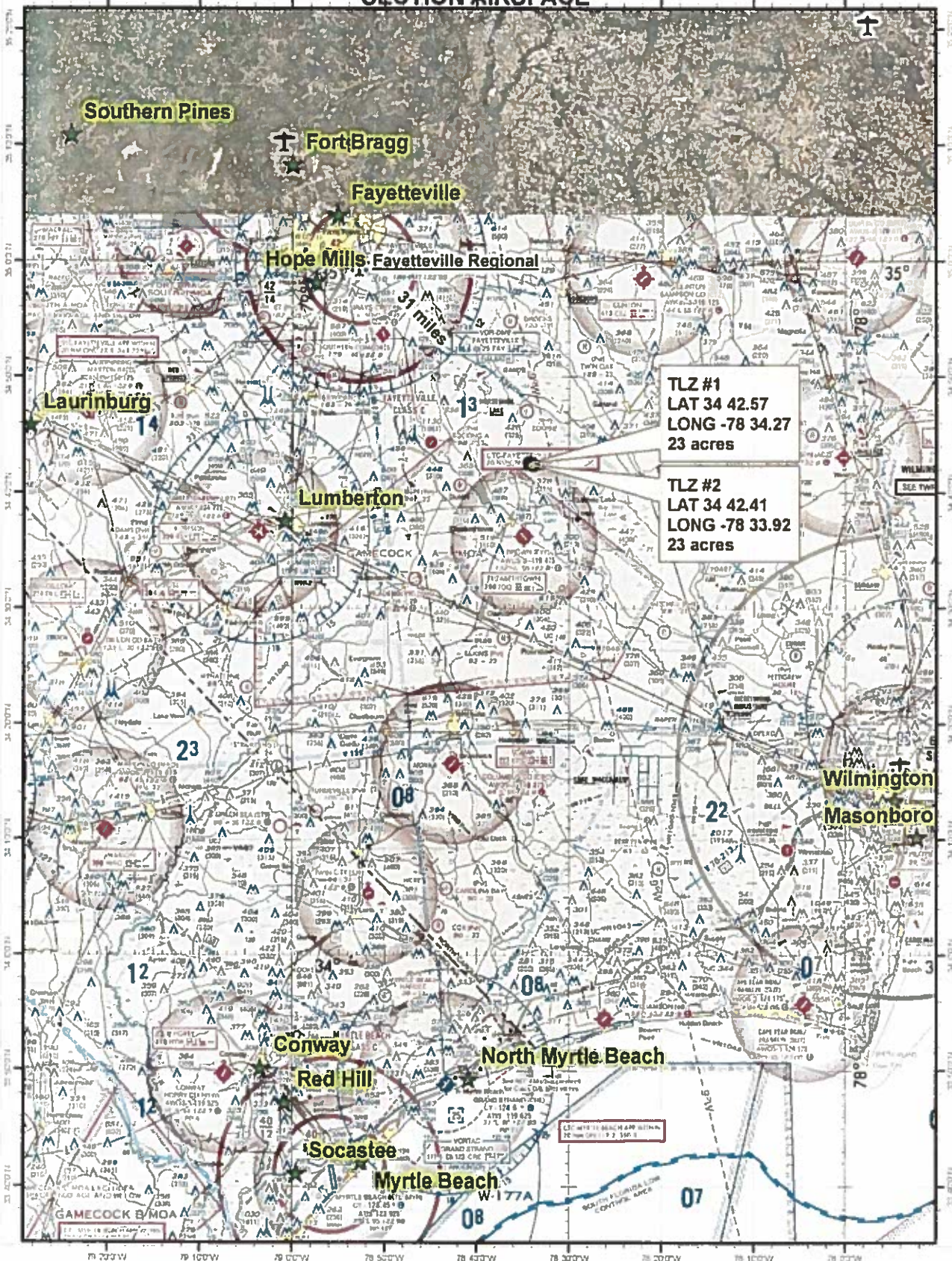






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# MCIEAST-MCB CAMP LEJEUNE REFERENCE MAP: BLADEN LAKES INSTALLATION SECTION AIRSPACE

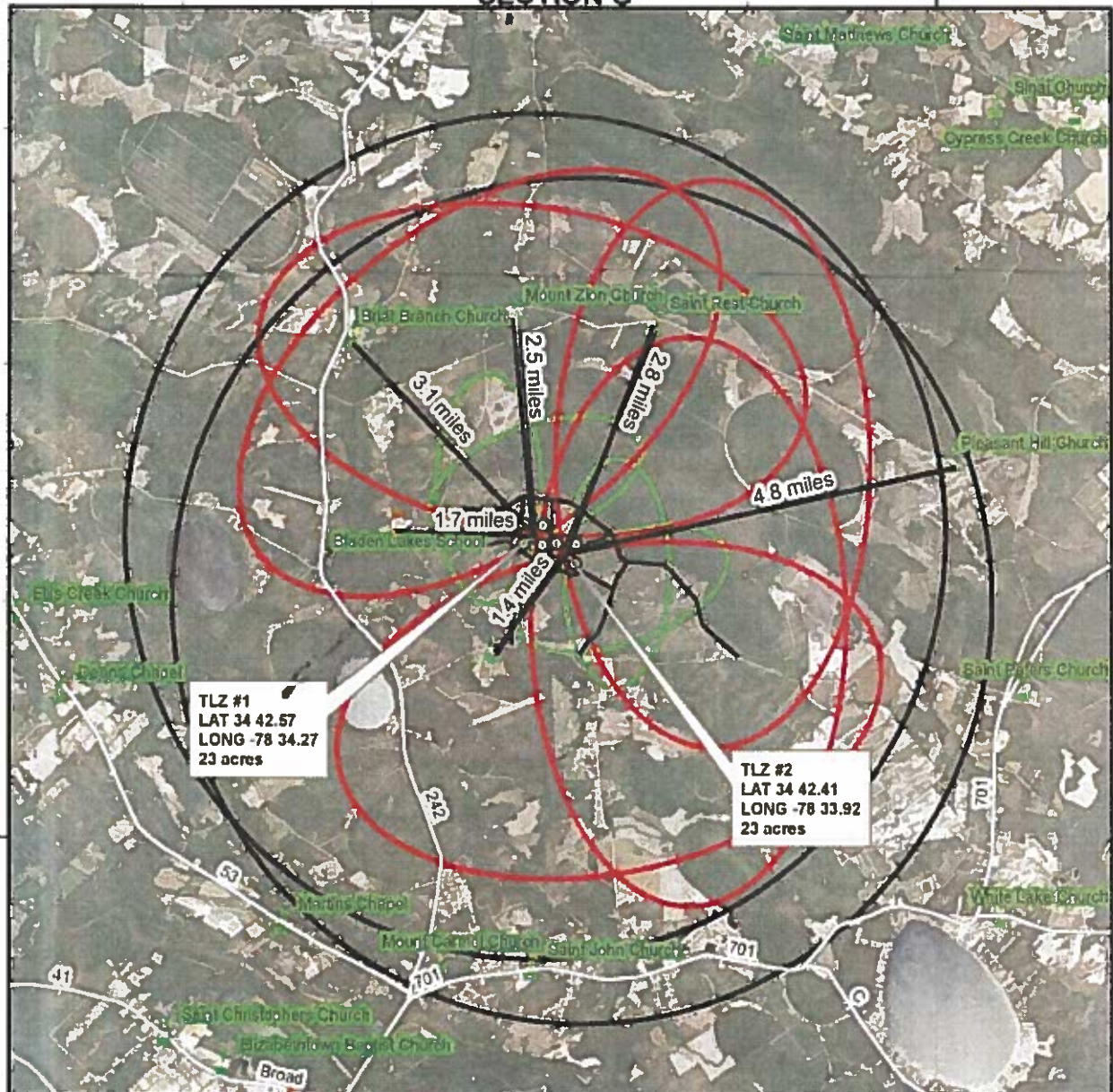


ENCLOSURE (6)



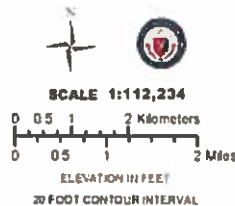
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# MCIEAST-MCB CAMP LEJEUNE REFERENCE MAP: BLADEN LAKES INSTALLATION SECTION G



EDITION XXX SERIES XXX SHEET XXX  
GEOGRAPHIC AREA OF INTEREST

- Public Schools
- Hospitals
- Churches
- VSTOL
- APLN
- 5\_mile\_circle\_bladen
- LatLong
- Buffer\_TLZ
- TLZ\_zone



SPHEROID ..... GEODEIC REFERENCE SYSTEM 1980  
PROJECTION ..... UNIVERSAL TRANSVERSE MERCATOR  
VERTICAL DATUM ..... NORTH AMERICAN VERTICAL DATUM 1988  
HORIZONTAL DATUM ..... NORTH AMERICAN DATUM 1983  
CONTROLLED BY ..... USGS, NATIONAL GEODETIC SURVEY POINTS  
GRID ..... 1000 - METER UTM ZONE 18  
GRATICULE ..... HALF MINUTE LATITUDE-LONGITUDE TICS

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ENCLOSURE (7)